

Application No. 09/600,195
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Reply to telephone interview with Examiner on October 23, 2003
Attorney Docket No. 2204-001287

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings, of the claims in the application.

Listing of Claims

1-7. (Canceled)

8. (Currently amended): A method of selectively reforming an inner part of an inorganic body comprising one of an optical memory, a light absorbing device, light emitting device and an amplifier device, which comprises:

emitting a pulsed laser beam of wavelength different from the absorption wavelength of a samarium rare earth ~~and/or transition~~ metal ion to an inorganic body containing said samarium rare earth ~~and/or transition~~ metal ion, and

condensing said pulsed laser beam at a focal point in an inner part of said inorganic body, whereby said samarium rare earth ~~and/or transition~~ metal ion changes its valence only at said focal point and its vicinity.

9. (Previously Presented): The method of selectively reforming an inner part of an inorganic body defined in claim 8, wherein the inorganic body is a glass or crystal containing one or more selected from the group consisting of metal oxides, metal halides and metal chalcogenides.

10-11. (Canceled)

12. (Currently Amended): The method of selectively reforming an inner part of an inorganic body defined in claim 8, wherein the focal point is relatively shifted with respect to the inorganic body so as to form a domain with a predetermined pattern, wherein where the samarium rare earth ~~and/or transition~~ metal ion changes its valence.

13. (Previously Presented): The method of selectively reforming an inner part of an inorganic body defined in claim 8, wherein the inorganic body is irradiated with a pulsed laser beam with pulse width under a picosecond.

14-21. (Canceled)